NMCI Lessons Learned & What's Ahead

28 February 2001

Crane and Port Hueneme

Navy Marine Corps Intranet

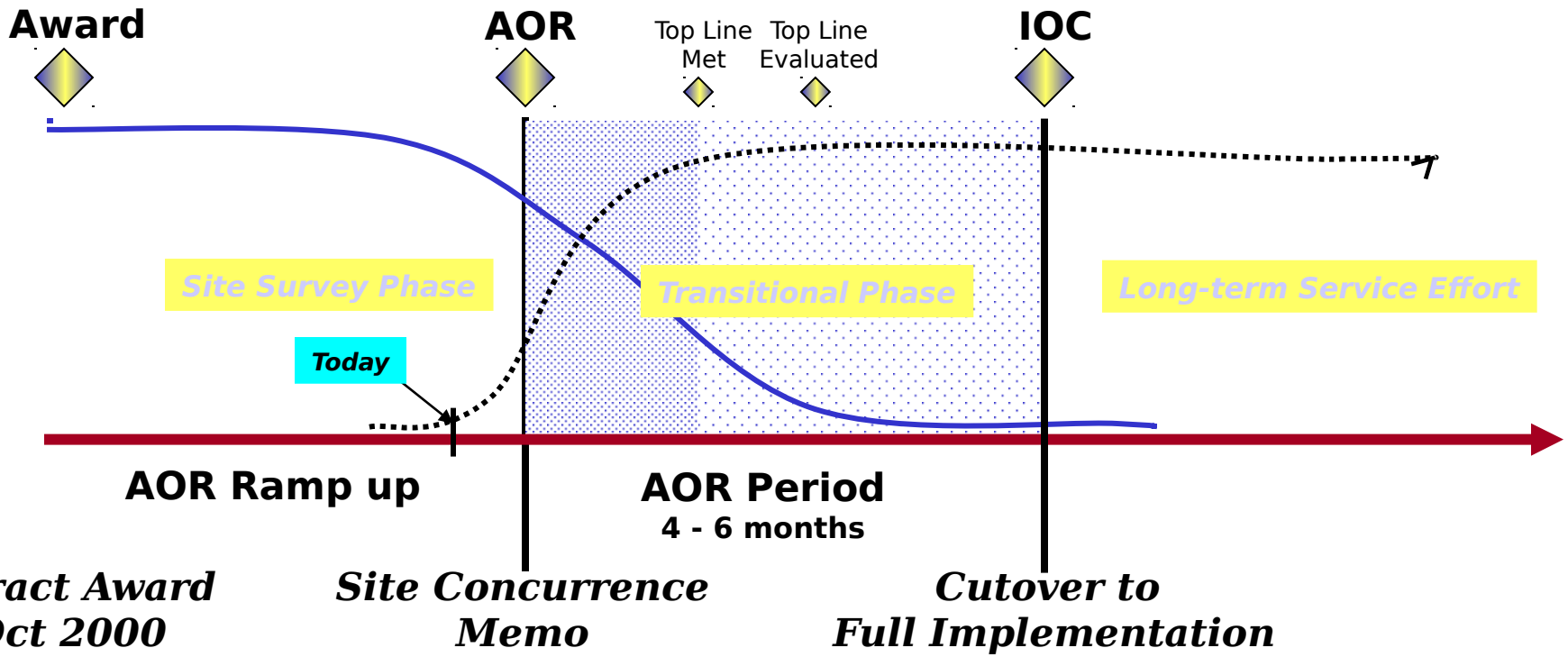
Crane	Port Hueneme
Landlord for several tenants *- Major tenant is Crane Army*	*Tenant Activity*
Most of IT workforce is government (~80%)	*Most of IT workforce is contracted (~75%)*

- Two activities required to take different paths to NMCI

NMCI Continuum

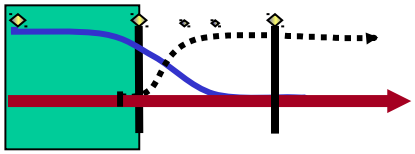
NAVAL SEA SYSTEMS COMMAND

Navy Marine Corps Intranet



Implementation Team

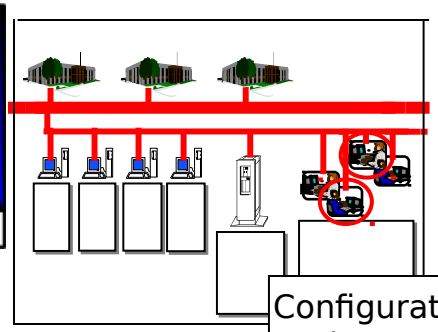
- **Get your Team Together Early**
  - The Leader needs Solid IT Knowledge but Communications, Leadership and Project Skills are more critical to success
  - Need Analytical talent that will dig into the details and roll them up
  - Need a good technical writer
  - Need Team members from all major detachments
    - You want implementation to be seamless
  - Must have Command Support and speak with Command Authority
    - Current Culture will place many obstacles in the way of execution



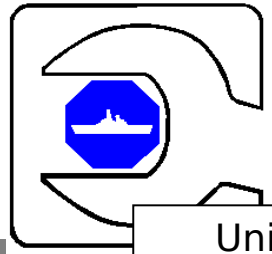
- Get good people involved
- Support them

NAVSEA
NAVAL SEA SYSTEMS COMMAND
Surface Warfare Center

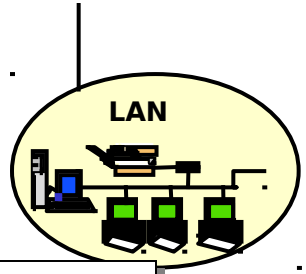
NMCI Data Collection Tools



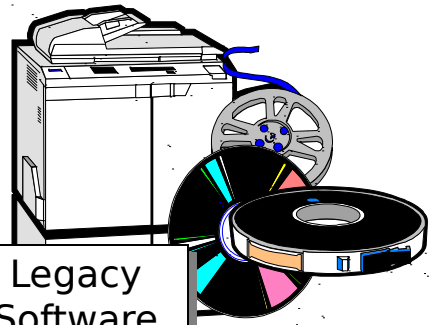
Configuration Diagrams



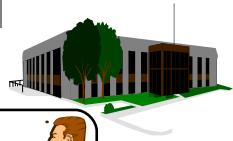
Unique Requirements



Network Infrastructure Drawings

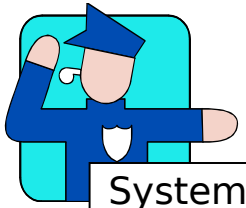


Legacy Software Survey

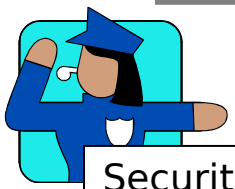


User/Bldg Hardware Profile (Initial Order)

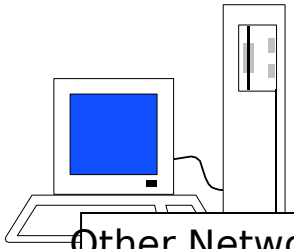
User Software Profile



System Security Authorization Agreement



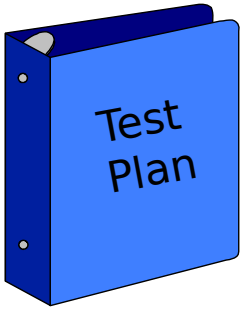
Security Certification & Assessment

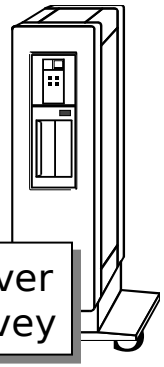


Other Networked Devices (ATE, CAD, Cameras, etc.)

Equipment Inventory

Source/Destination IP Addresses

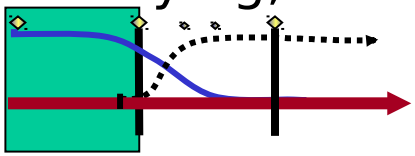




Server Survey

Data Collection "Lessons Learned"

- Support from Command/Senior Management essential
- When in doubt, document user/business unit requirement under Unique Requirements
- Conceptual drawings of processes & configurations helpful
- Establish standard approach to data collection
  - Configuration Management of tools & instructions
  - Establish "who" on NMCI Team has control of specific tools
  - Have Business Units designate POC to funnel data through
  - Ensure that entire NMCI Team is "in the loop" so information disseminated is consistent
- Allow adequate time for collecting, analyzing, finalizing while also allowing for criticizing, attempts to redesign, ignoring, delaying, etc.

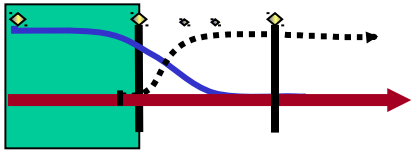


- Support the data effort
- Document, document, documen
- Standardize, Analyze, Review

Data Collection "Lessons Learned"

Navy Marine Corps Intranet

- Collection Tools need Good definitions of terminology
- Shared Understanding of goals/purposes of each "tools"
- Equipment Inventory Data may be the Most Difficult to Gather
- Utilize Several methods of disseminating information
  - Local web site
  - Public folders
  - Multiple briefings to Senior Management, Business Units, Tenants, On-Site Contractors & Union
- Do Not Allow User to Redefine Data Collection Tools Once Data Collection Has Begun
  - Slows Data Integration and Rollup



- Data Collection Dictionary
- Use multiple info conduits
- Start on equipment inventory Now

PHD Lessons Learn

- It will cost more than you think.
- Get you plant property records in order.
- Figure out how you are going to fund basic sea
- Budget for Transition cost (labor for data calls
- Dedicate people full time to NMCI

PHD Lessons Learn

- Keep senior mgt engaged and regularly briefe
- Dev a strategy for dealing with displaced pers
- Understand that AOR is only the first mileston and that a great deal of Legacy work remains done before cutover

Proposed Re-phased Deployment Schedule

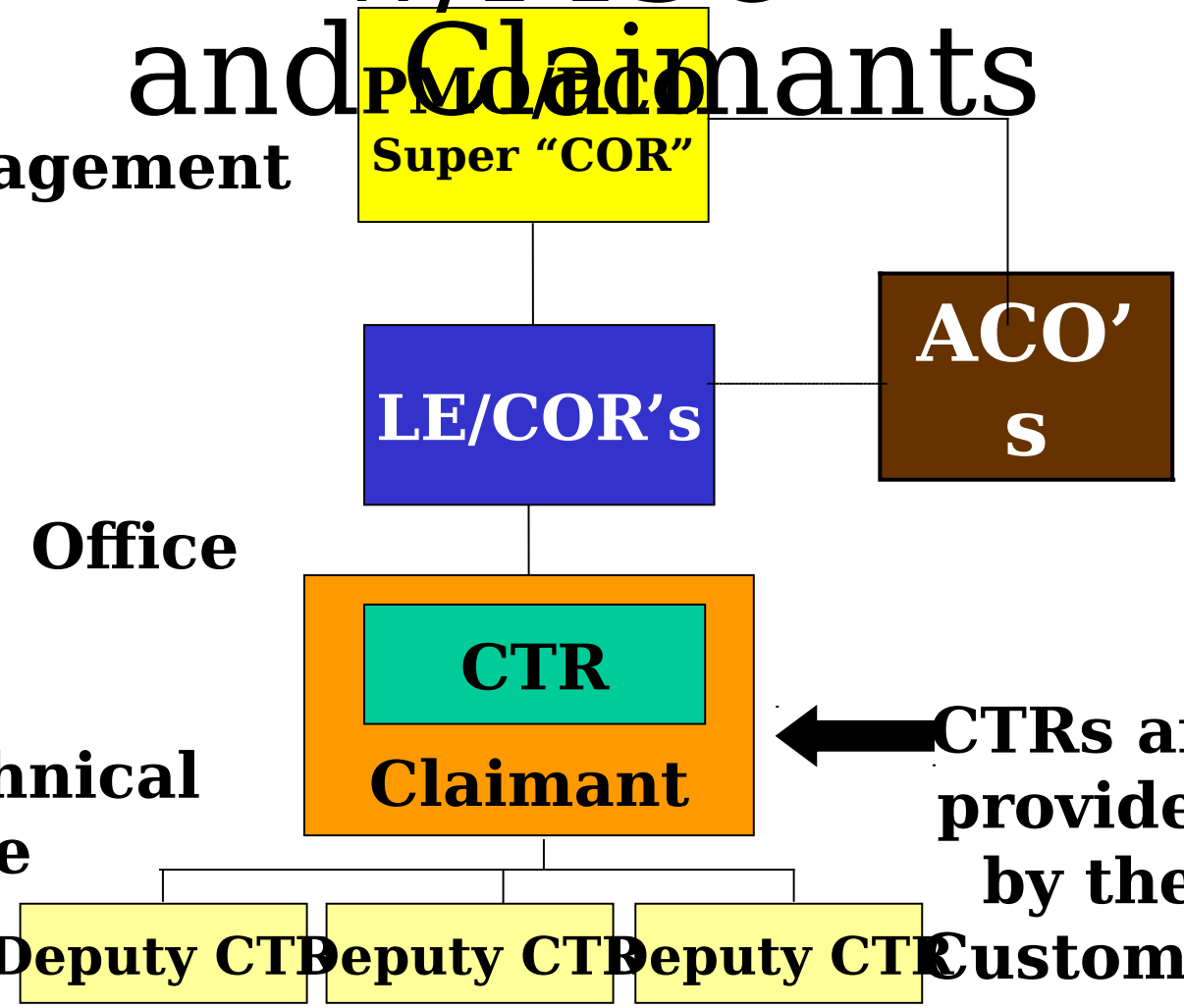
	Planned				
	Transition		AOR		IOC
FY01 Quarter 2	Start	Finish	Start	Finish	Start
NSWC - Crane	Jan-01	Feb-01	Feb-01	Aug-01	Aug-01
NSWC Port Hueneme	Jan-01	Feb-01	Feb-01	Aug-01	Aug-01
FY02 Quarter 1					
HQ /PEOs	Oct-01	Nov-01	Nov-01	May-02	May-02
NSLC	Oct-01	Nov-01	Nov-01	May-02	May-02
Inactive Fleet	Oct-01	Nov-01	Nov-01	May-02	May-02
AEGIS ATRCD	Oct-01	Nov-01	Nov-01	May-02	May-02
NOSSA	Oct-01	Nov-01	Nov-01	May-02	May-02
NAVEODTECHDIV	Oct-01	Nov-01	Nov-01	May-02	May-02
NEDU	Oct-01	Nov-01	Nov-01	May-02	May-02
AEGIS TECHREP	Oct-01	Nov-01	Nov-01	May-02	May-02
SCSC	Oct-01	Nov-01	Nov-01	May-02	May-02
SUBMEPP	Oct-01	Nov-01	Nov-01	May-02	May-02
FY02 Quarter 2					
Remaining NSWC	Jan-02	Feb-02	Feb-02	Aug-02	Aug-02
FY02 Quarter 3					
NUWCs	Apr-02	May-02	May-02	Nov-02	Nov-02
SUPSHIPs	Apr-02	May-02	May-02	Nov-02	Nov-02
FY02 Quarter 4					
Naval Shipyards	Jul-02	Aug-02	Aug-02	Feb-03	Feb-03

GMO Partnership w/FISC and Claimants

Program Management Office

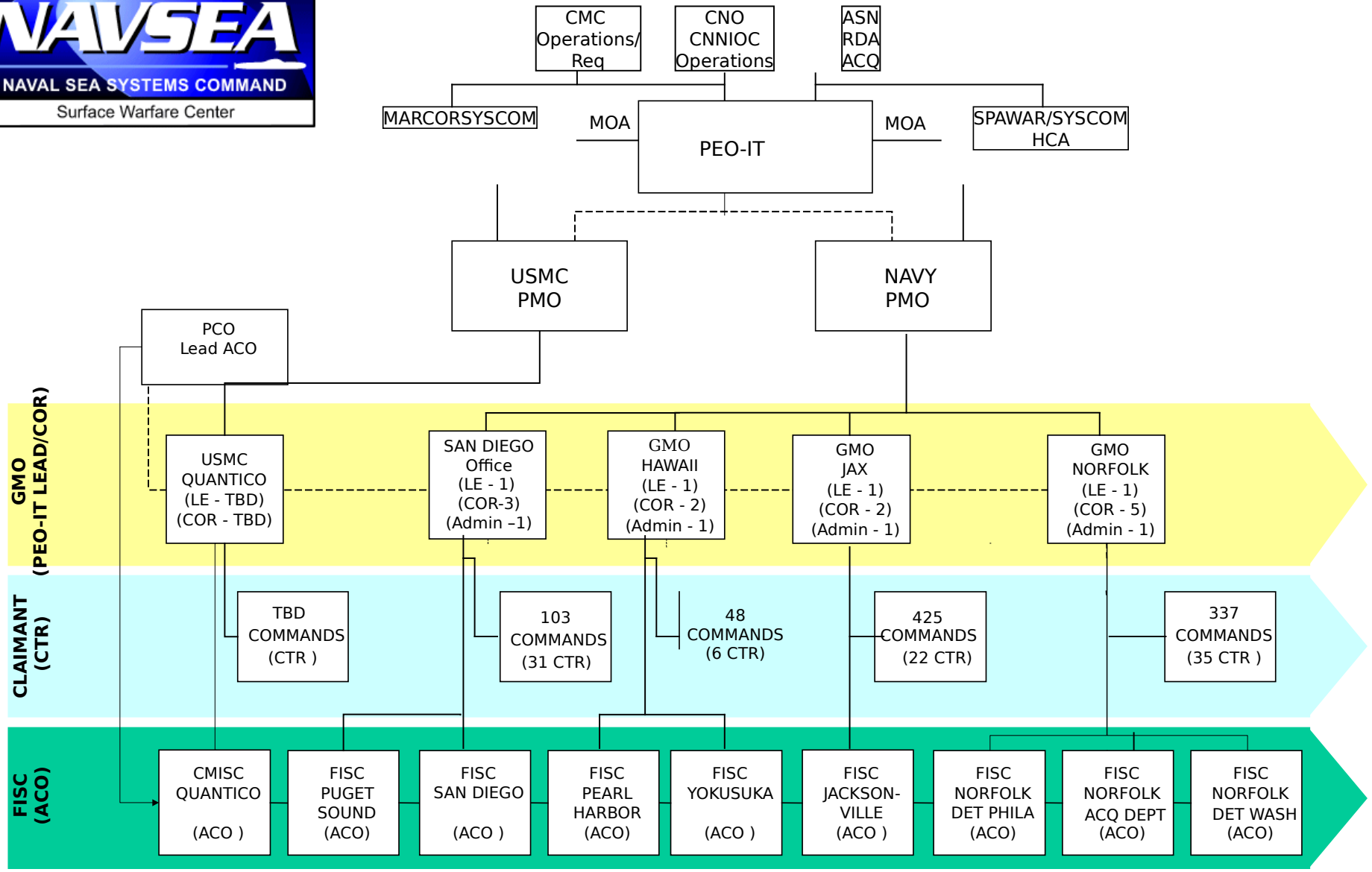
Government Management Office

Customer Technical Representative



CTRs are provided by the Customer

NMCI Chain of Command


CMC Operations/ Req
CNO CNNIOC Operations
ASN RDA ACQ
MARCORSYSCOM
MOA
PEO-IT
MOA
SPAWAR/SYSCOM HCA
USMC PMO
NAVY PMO
PCO Lead ACO
GMO (PEO-IT LEAD/COR)
USMC QUANTICO (LE - TBD) (COR - TBD)
SAN DIEGO Office (LE - 1) (COR-3) (Admin –1)
GMO HAWAII (LE - 1) (COR - 2) (Admin - 1)
GMO JAX (LE - 1) (COR - 2) (Admin - 1)
GMO NORFOLK (LE - 1) (COR - 5) (Admin - 1)
CLAIMANT (CTR)
TBD COMMANDS (CTR)
103 COMMANDS (31 CTR)
48 COMMANDS (6 CTR)
425 COMMANDS (22 CTR)
337 COMMANDS (35 CTR)
FISC (ACO)
CMISC QUANTICO (ACO)
FISC PUGET SOUND (ACO)
FISC SAN DIEGO (ACO)
FISC PEARL HARBOR (ACO)
FISC YOKUSUKA (ACO)
FISC JACKSON-VILLE (ACO)
FISC NORFOLK DET PHILA (ACO)
FISC NORFOLK ACQ DEPT (ACO)
FISC NORFOLK DET WASH (ACO)

SPAWAR EMPLOYEES

NAVSUP EMPLOYEES

CLAIMANT EMPLOYEES

Summary

- Assign an Implementation Manager
- Establish Core Team
- Command Support
- Establish Funding Strategy
- Don’t Pay Twice
- Scrub Legacy Systems

End